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Q19. Which prayer times depend on the Prayer calculation method and juristic method?
Ans. Fajr and isha prayer time depend on five prayer calculation methods.

Organization	Angle of the sun under the Horizon (Fajr)	Angle of the sun under the Horizon (Isha)	Region
University Of Islamic Sciences, Karachi	18 Degrees	18 Degrees	Pakistan, Bangladesh, India, Afghanistan, Parts of Europe
Islamic Society of North America	15 Degrees	15 Degrees	Parts of the USA, Canada, Parts of the UK
Muslim World League	18 Degrees	17 Degrees	Europe, The Far East, Parts of the USA
Umm Al-Qura Committee	19 Degrees	90 minutes after the Sunset Prayer 120 minutes (in Ramadan only)	The Arabian Peninsula
Egyptian General Authority of Survey	19.5 Degrees	17.5 Degrees	Africa, Syria, Iraq, Lebanon, Malaysia, Parts of the USA

Asr prayer time depend on juristic method. In the standard method (which is used by imamas Shafi, Hanbali, and Malki) the Asr prayer time starts when the shadow of an object is equivalent to its height. Whereas in the Hanafi method the Asr prayer time starts when the shadow of an object is twice its height.

Fig (1) : A printout from "Frequently Asked Questions" FAQs at the website www.islamicfinder.org , the printout explains some factors used by different juristic methods, for the calculation of prayer timings.

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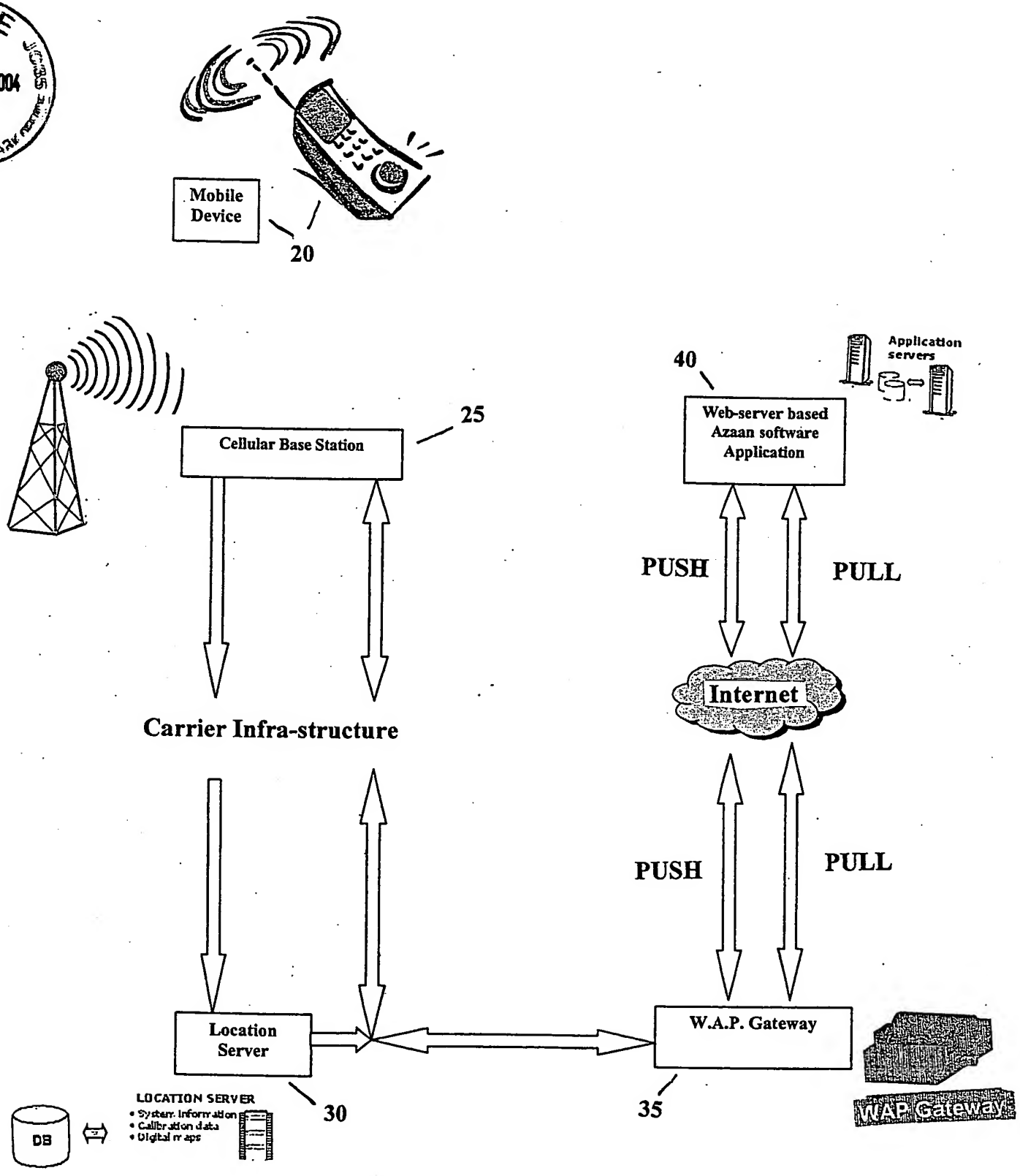

Fig (2) : Main components of preferred embodiment of the system for usage of cellular phones to announce/notify timings of Muslim prayers.

Components of Web-Server based Software Application

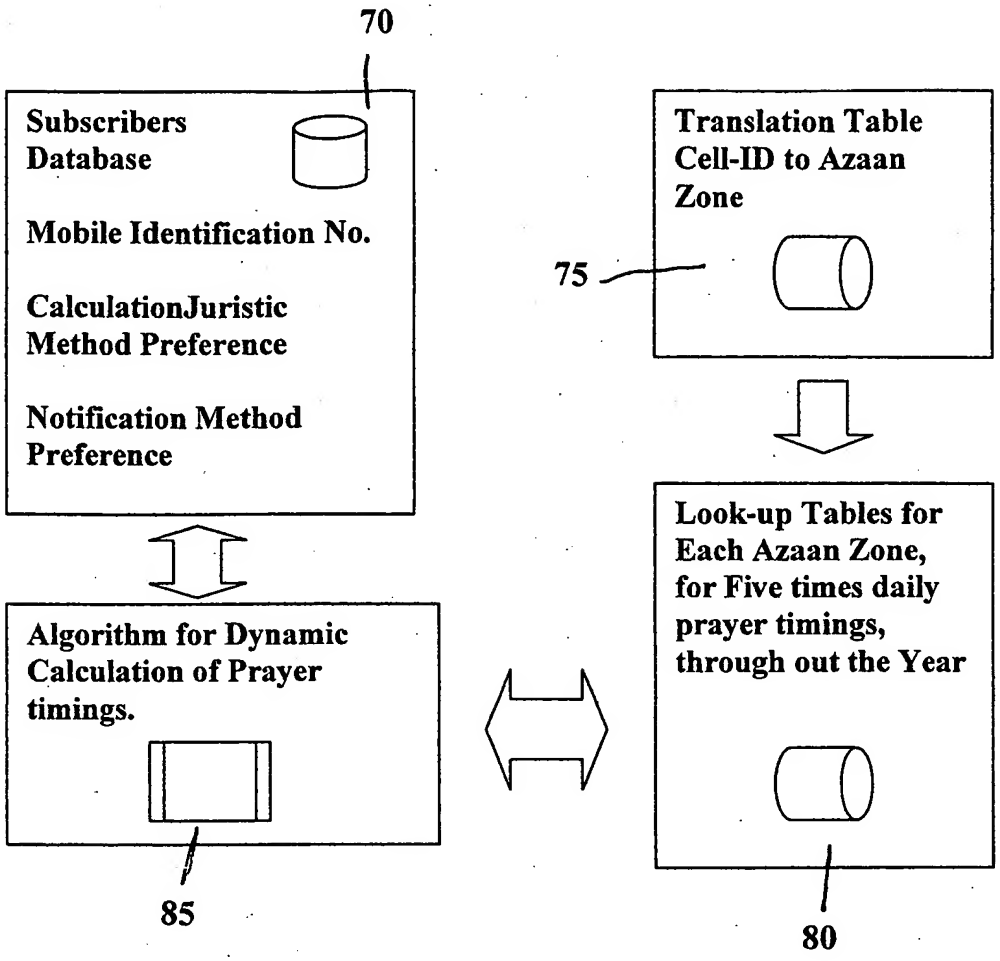

Fig (3) : Components of Web-Server based Software Application

Flow Chart for Web-Server based Software Application

Scheduling Thread

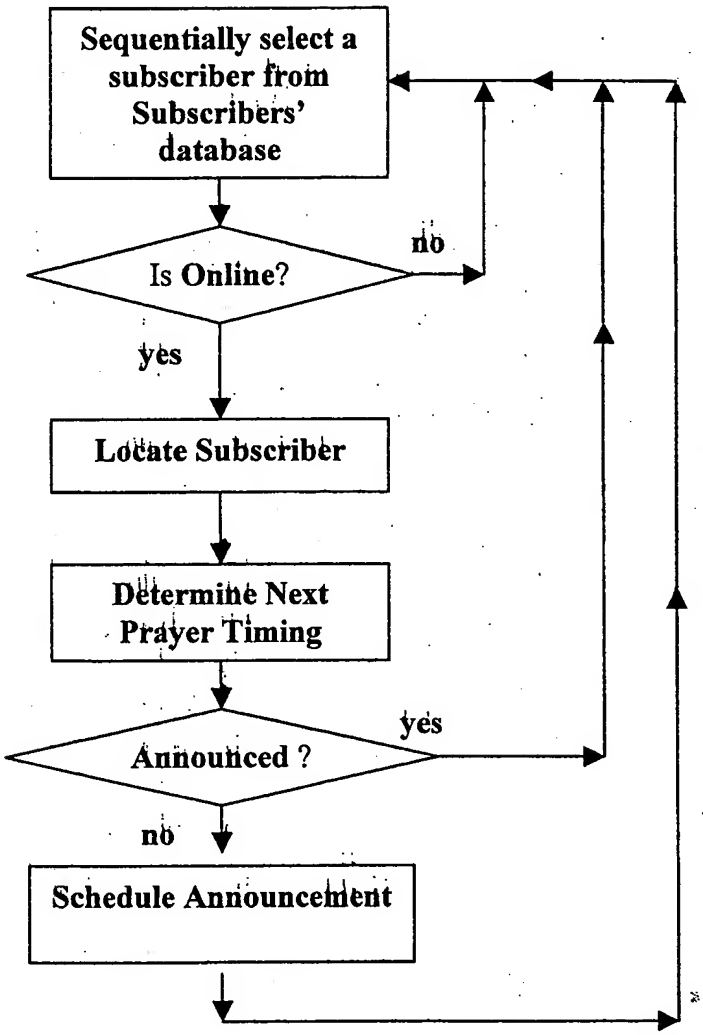

Fig (4): Flow Chart for Web-Server based Software Application - Scheduling Thread

Flow Chart for Web-Server based Software Application

Announcing Thread

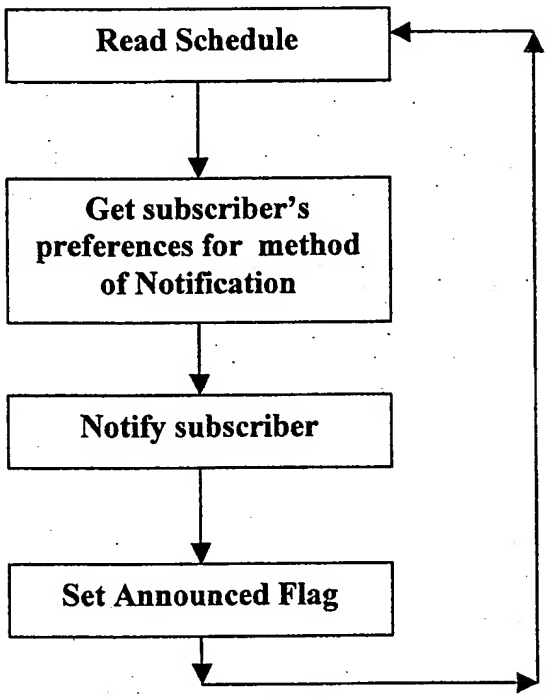

Fig (5): Flow Chart for Web-Server based Software Application - Announcing Thread